REMARKS

The application has been amended and is believed to be in condition for allowance.

Previously, claims 5-6 were pending. Claims 1-4 were previously canceled.

This amendment does not amend pending claims 5-6. This amendment does add new claims 7-10, claims 7 and 8 being independent. Claim 9 depends from claim 8. Claim 10 is the same as claim 9 except depending from previous claim 5.

There are no formal matters outstanding.

Claim 5 stands rejected as obvious over INABA et al. 4,133,230 in view of CURTISS 4,134,036.

The Official Action indicates that INABA discloses a machining tube but not with the recited motor. CURTISS is offered as disclosing the recited motor. The obviousness rejection comprises using the CURTISS motor in the INABA machining device.

The CURTISS motor is not seen as having the features for which the Official Action indicates. Reference is made to Figures 3-4 of CURTISS. The Official Action indicates that CURTISS includes a casing 20 with aperture 21. Applicant sees the casing 20 and although elements 21 are discussed in the patent as being convolutions, applicant appreciates that an aperture is inherent.

The Official Action also offers CURTISS as disclosing stator 11 mounted in the aperture. The Official Action indicates that the stator includes <u>inwardly</u> extending ribs 12.

With reference to either of Figures 3-4, see that the stator 11 does include ribs 12; however, these ribs 12 extend outwardly from the stator and do not bear against any surface. Accordingly, the reference does not teach that for which it was offered.

CURTISS not teaching that for which it was offered, the combination of CURTISS and INABA et al. does not teach the recited features of the invention.

Reconsideration and withdrawal of the obviousness rejection as to claim 5 are solicited. Allowance of claim 5 and claim 6 depending therefrom is also solicited.

New claims 7-10 also recite the present invention.

In claim 7 see that the stator is recited as having a smooth and projectionless exterior surface. The stator of CURTISS does not meet this recitation. Also, see that claim 7 recites the rotor having outwardly extending ribs. Support for this recitation in the originally-filed disclosure can be found from Figure 2 rotor 11 with outwardly extending ribs 12. Lastly, see that claim 7 recites the casing aperture including inwardly extending ribs spaced apart around the aperture and bearing against the smooth exterior surface of the stator.

These recitations are believed to be both novel and non-obvious.

New independent claim 8 recites a motor casing with an interior cylindrical surface having inwardly extending ribs spaced apart around a circumference of the interior cylindrical surface. Claim 8 also recites the stator mounted against the interior cylindrical surface of the casing, the stator having a smooth and projectionless exterior surface bearing against the inwardly extending ribs of the casing.

As these recitations are not found in the applied references, taken either individually or in any reasonable combination, this claim is also believed to be allowable.

Lastly, new claims 9-10 recite that the inwardly extending ribs of the casing occupy a minority of the interior cylindrical surface of the casing. Support for this recitation can be found at least from Figure 2 of the originally-filed application.
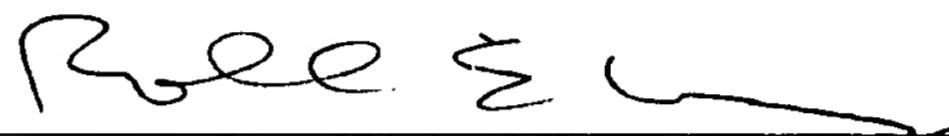
In view of the above, all the pending claims are believed to be allowable. Accordingly, allowance of the present application is respectfully requested.

The Commissioner is hereby authorized in this, concurrent, and future replies, to charge payment or credit any overpayment to Deposit Account No. 25-0120 for any additional fees required under 37 C.F.R. §1.16 or under 37 C.F.R. §1.17.

Respectfully submitted,

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